

卷之三

CCGGGGAGGCTCTTAGGATGTTGTGCTCCGGGGCTCAGACGAAATCTCTGTGAATGGAAG
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AAACCTGATTCGAGGAGCCGGAGGGGATATTGGAGAGAAAGGTATTCCAGTCACGCGCAG
TAACAGACCAGCCAAGGACCAGGACTGGAGTTCTGTTCTACAAACGGTGGAACAGTGAACGGTCT
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CTGGTGGTGTACAGCTTGGTGTGCTTCCCTCGGTCTCTAGGCAACGGCCTGGTGATTGTCA
TCGCCACCTCAAGATGAAGAACCGGTGAACACTGTGTGGTTGTCAACCTGGCTGGCCGA
CTTCCTGTTCAACATCTTTGCCGATGCACATCACCTACGCCATGGACTACCAACTGGTG
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CAGGCCAACATACACGATGTCGCCGTGCATGCCCTGAACATGCTGCCAGTTCTGAGGGTGA
GAAGTTACCGCAAACCCATTGCAAGACCTGTTATGGCAACATGACAGTCAAACCAACAAAGCCA
ATACACCCCCAACATCCTCCAAGACCTTGACTTTGGATTTCAGAAGAACGGGGGTGGGGGAAC
GAGGACCTGAGGGTTAATTGAGCTTGGCGAAGCC (SEQ ID NO:1)

FIGURE 1

underlined = deleted in targeting construct

[] = sequence flanking Neo insert in targeting construct

CCGGGGGAGGCTTCTAGGATGTTGCTCCGGGGCTCAGACGAAATCTCTGTGAATG
 GAAGAAATGCTTCAAGCAAACAGCCACTACCAGAACAACTGAGAAAGAGGCAGAGCGC
 GAGTTCTAAACCTGATTCGAGGAGCCGGAGGGGATATTGGAGAGAAGGTATTTC
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 GAACAGTGAACGGTCTCAAAG [AGATGGAGTACGACGCTTACAACGACTCCGGCATCTA
 TGATGATGAGTACTCTGATGGCTTGGCTACTTTGTGGACTTGGAGGAGGCAGTCCGT
 GGAGGCAAGGTGGCCCGGTCTCTGGTGGATCTACAGCTTGGTGTGCTTCCTCG
 TC] TCCTAGGCAACGGCTGGTGATTGTCACTGCCACCTCAAGATGAAGAAGACCGTGA
ACACTGTGTGGTTGTCAACCTGGCTGTGGCCGACTTCTGTCAACATCTTTGCCGA
TGACACATCACCTACGGGCCATGGACTACCTGGGTG [TTCGGGAAGGCCATGTGCAAG
 ATCAGCAACTTCTGCTCAGCCACACATGTACACCAGCGTCTCTGCTGACTGTCACTC
 AGCTTGACCGCTCACCTCGCTGCTGCTCCCCGCTGGTCCAGAACCCAGCAGCATC
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 AGCTTGGCCGCGCCTGAGTCTCCCCACATCCGCCACTCGCAAGTAGTTCCACAGGG
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 TTCATCATCACGGCTGCTACCTACCATCGTCTCAAGCTGCAGCGCAACCGCCTGGC
 AAGAACAAAGAGCCCTCAAGATCATCATCACCATCATCACCTTCTCCTGCTGG
 TGCCCTACACACCCCTCTACCTGCTGGAGCTCCACCACAGCTGTGCCAACGCTGT
 TTCAGCCTGGGCTACCCCTGGCACGGCGTCGCCATGCCAACAGCTGCATGAACCC
 ATTCTGTACGTCTTCATGGGCCACGACTTCAGAAAATTCAAGGTGGCCCTTCTCCCG
 CTGGCCAACGCCCTGAGTGAGGACACAGGCC] CTCCTCCTACCCAGTCACAGGAGCTT
 CACCAAGATGTCGTTGAATGAGAAGGCTCGGTGAATGAGAAGGAGACCAAGTACCC
 CTGAACCTCACCTGGGAATGTCCCCAAAGGTGCCACGGGCCAGGGACGCCAGGGACTT
 GTCTCCGGAAGTGGGAGACATGCCGGAGCCTTGGGAATGCTCCAACGCCACTGAATT
 TTGCACAAGGCGGCTCATGTTAAGTGGGTTCCAAGTGTGGACACTCTCCAGTAAA
 ATGGCAGGCAAGCAACCGAGCTCTACAAACAGGAGCAGGGGACCCAGTGTGACTC
 AGAAAAGGGAGCATTCTGAAGCCAAGACTTGAGCTGTGACCAACATACAGGCCAACATA
 CACGATGTCGGCGTGCATGCCCTGAACATGCTGCGACTTTGTGGGTGAGGAAGTTAC
 CGCAAACCCATTGCAGACCTGTTATGGCAACATGACAGTCAAACCAACAAAGCCAATAC
 ACCCCAAACATCCTCCAAGACCTTGACTTTGGATTTCAGAAGAACGGGGGTGGGGGAAAC
 GAGGACCTGAGGGTTAATTGAGCTTGGCGAAGCC

FIGURE 2A

2000 1000 800 600 400 200 100 0

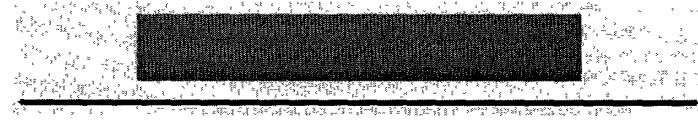
Gene Sequence Structure
*

422 bp

Sequence Deleted

576 bp

Size of full-length
cDNA: 1892 bp



Targeting Vector* (genomic sequence)

Construct Number: 993

Arm Length:

5': 2.3 kb

3': 1.9 kb

Targeting Vector
Endogenous Locus

* Not drawn to scale

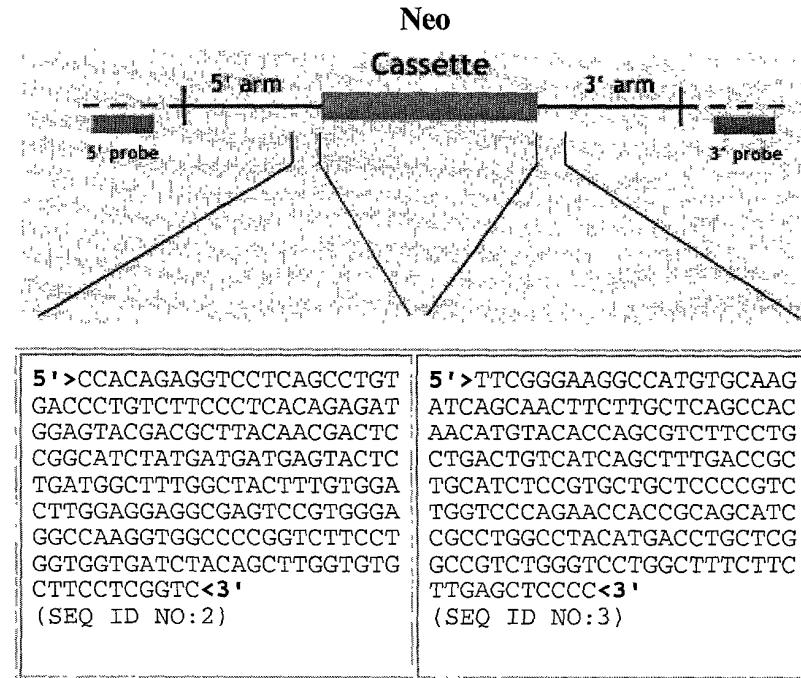


FIGURE 2B